



**SUMITOMO**

**CARBIDE - CBN - DIAMOND**

**CCMT - 80° Diamond Turning Insert**  
**7° Relief Angle with Countersunk Hole & Single Chipbreaker**

Chipbreaker EFP		Coated								Cermet			Uncoated				Dimensions			
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A					Inscribed Circle	Thickness	Nose Radius	Insert Hole Diameter
CCMT21.51EFP	CCMT060204N-FP									●							0.2500	0.9400	0.1560	0.1100
CCMT32.51EFP	CCMT09T304N-FP									●		●					0.3750	0.1560	0.1560	0.1732
CCMT32.52EFP	CCMT09T308N-FP									●		●				0.0313				

Chipbreaker EFM		Coated								Cermet			Uncoated				Dimensions			
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A					Inscribed Circle	Thickness	Nose Radius	Insert Hole Diameter
CCMT21.51EFM	CCMT060204N-SC	■															0.2500	0.0940	0.1560	0.1100
CCMT322EFM	CCMT090308N-SC	■															0.3750	0.1250	0.0313	0.1732
CCMT432EFM	CMT120412N-SC	■															0.5000	0.1875	0.0313	0.2165

Chipbreaker ESJ		Coated								Cermet			Uncoated				Dimensions			
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A					Inscribed Circle	Thickness	Nose Radius	Insert Hole Diameter
CCMT21.51ESJ	CCMT060204N-SJ																0.2500	0.0940	0.0156	0.1100
CCMT32.51ESJ	CCMT09T304N-SJ											●					0.3750	0.1560	0.0156	0.1732
CCMT32.52ESJ	CCMT09T308N-SJ											●				0.0313				

Chipbreaker EMU		Coated								Cermet			Uncoated				Dimensions			
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A					Inscribed Circle	Thickness	Nose Radius	Insert Hole Diameter
CCMT32.51EMU	CCMT09T304N-MU	■				■	■										0.3750	0.1560	0.0156	0.1732
CCMT32.52EMU	CCMT09T308N-MU	●	■			■	■									0.0313				

- USA stock item
- Worldwide warehouse item
- ▲ USA limited availability item



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**CCMT** - 80° Diamond Turning Insert  
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Chipbreaker ENK		Coated						Cermet			Uncoated				Dimensions								
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A							Inscribed Circle	Thickness	Nose Radius	Insert Hole	Diameter
CCMT21.51ENK	CCMT060204N-SK	●	●			●	●												0.2500	0.0940	0.0156		0.1100
CCMT21.52ENK	CCMT060208N-SK	●	●			●	●												0.2500	0.0940	0.0313		0.1100
CCMT32.51ENK	CCMT09T304N-SK	●	●			●	●												0.3750	0.1560	0.0156		0.1732
CCMT32.52ENK	CCMT09T308N-SK	●	●			●	●												0.3750	0.1560	0.0313		0.1732
CCMT431ENK	CCMT120404N-SK	●	●																0.5000	0.1875	0.0156		0.2165
CCMT432ENK	CCMT120408N-SK	●	●																0.5000	0.1875	0.0313		0.2165

Chipbreaker ELUW		Coated						Cermet			Uncoated				Dimensions								
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A							Inscribed Circle	Thickness	Nose Radius	Insert Hole	Diameter
CCMT32.51ELUW	CCMT09T304N-LUW	●								●	●								0.3750	0.1560	0.1560		0.1732
CCMT32.52ELUW	CCMT09T308N-LUW	●								●	●								0.3750	0.1560	0.0031		0.1732

Chipbreaker ELU		Coated						Cermet			Uncoated				Dimensions								
ANSI Part#	ISO Part#	AC2000	AC3000	AC610M	AC630M	AC300G	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A							Inscribed Circle	Thickness	Nose Radius	Insert Hole	Diameter
CCMT21.50.5ELU	CCMT060202N-LU				●		●												0.2500	0.0940	0.0780		0.1100
CCMT21.51ELU	CCMT060204N-LU				●		●												0.2500	0.0940	0.0156		0.1100
CCMT32.51ELU	CCMT09T304N-LU	●			●		●			●	●								0.3750	0.1560	0.0156		0.1732
CCMT32.52ELU	CCMT09T308N-LU	●			●		●			●	●								0.3750	0.1560	0.0313		0.1732

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- ▲ USA limited availability item